

REMARKS

Claims 1-15 are presently pending in this application. Claims 1, 8 and 15 were rejected under 35 U.S.C. §102(b) as being anticipated by "Mapping Salutation Architecture APIs to Bluetooth Service Discovery Layer, Version 1.0" (hereinafter "Miller"). Claims 2-7 and 9-14 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Miller in view of "Windows Sockets, Version 1" (hereinafter "Hall").

Claims 1-15 remain in this application.

Rejection of Claims 1, 8 and 15 under § 102(b)

Applicant notes that independent claims 1, 8 and 15 each include both a user mode and a kernel mode. A "user mode", as typically used in the industry, is the nonprivileged processor mode in which application code, including protected subsystem code, executes. User-mode applications cannot gain access to system data except by calling subsystem-supplied functions, which, in turn, call system services.

A "kernel mode", as typically used in the industry, is the privileged processor mode in which operating system executive code runs. A driver or thread running in kernel mode has access to system memory and hardware.

Applicants distinguish user mode and kernel mode throughout the specification. (See, for example, Fig. 2 and accompanying text.) Applicant's claimed invention specifically relates to interaction between a user mode and a kernel mode. (See, for example, p.3, ln.1, and p.11, lns. 3-4).

Miller does not disclose both a user mode and a kernel mode. In fact, the efficacy of the mappings described in Miller would be significantly reduced by limiting their application to devices with separate user modes and kernel modes. Many Bluetooth devices contain only a single processor mode, and only run applications that directly call system services of the device. Miller pertains to the salutation architecture of Bluetooth, which "provides a *standard method* for applications, services and devices to describe and to advertise their capabilities to other applications, services and devices and to find out their capabilities." (Miller, p. 5, emphasis added). Therefore, it is logical that Miller does not distinguish between a user mode and a kernel mode in order that its "standard methods" would apply to the many Bluetooth devices containing only a single processor mode.

In re Appln. of ADERMANN, ET AL.
Application No. 09/707,120

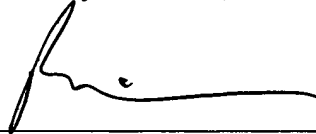
Because Miller does not disclose a limitation of claims 1, 8 and 15, Applicants respectfully request the allowance of these independent claims.

Rejection of Claims 2-7 and 9-14 under § 103(a)

As discussed above, Miller does not disclose a separate user mode and kernel mode. As claims 2-7 and 9-14 depend on independent base claims, they incorporate all the limitations of their respective base claims. Because some of those limitations are not found in the cited prior art, Applicants respectfully request the allowance of these dependent claims.

The application is considered in good and proper form for allowance, and the Examiner is respectfully requested to pass this application to issue. If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned attorney.

Respectfully submitted,



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Date: December 17, 2003



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Our Docket No.: 206966
In Re: Adermann, et al.
Client ref. No. 16390.01
Filed: November 6, 2000
For: BLUETOOTH TDI AND WINSOCK INTERFACE
Enclosures:
1) Transmittal form PTO-1083 (1 Pg.) (in duplicate)
2) Response to an Office Action (3 pages)
3) this postcard
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